APPENDIX

Amended claims (Amendment "A")

2. (Amended)   Method according to claim 1 further including the step of applying said at least one color-representative signal and said enhanced luminance output signal to means for transmitting or recording same or to means for generating and displaying a video image in response to said color representative signal[s] and said enhanced output signal.

9. (Amended)   A method according to claim 8 further including the step of applying [said color-representative signals and] said output digital data stream to means for transmitting or recording same or to means for generating and displaying a video image in response to said [color representative signals and said] output digital data stream.

13. (Amended)   Apparatus according to claim 11 further including means for converting said color-representative signals and said digital luminance output signal to corresponding analog signals, and means for applying said analog signals to display means for generating and displaying video reproductions of said [images] **image** in response to said analog signals.

26. (Amended)   A method for generating a video luminance signal comprising the steps of:

deriving three digital data streams representative of the red, green and blue components of an image;

combining said three digital data streams to produce a first luminance data stream representative of the brightness of said image;

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passing said first luminance data stream through a low-pass filter that removes higher spatial frequency data and produces a second luminance data stream representative of the low spatial frequency data portion of said first luminance data stream;

subtracting said second luminance data stream from said first luminance data stream so as to produce a third luminance data stream representative of the high spatial frequency portion of said first luminance data stream;

for each pixel of said image amplifying said third luminance data stream by an amount that varies as a function of the value of said second luminance data stream so as to produce a fourth **luminance** data stream representative of the amplified high spatial frequency luminance data; and

for each pixel of said image summing said second luminance data stream and said fourth luminance data stream so as to provide an output data stream that comprises a finite local enhancement of said first luminance data stream.

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